

## Safety Data Sheet for DNA Isolation kits DDK3/50

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING:

Product details:

Trade name: Isohelix DDK DNA Isolation Kit

Manufacturer/Supplier: Cell Projects Ltd.

Further Information available from: Cell Projects Ltd., Unit 2 Roebuck Business Park, Ashford Road, Harrietsham, Kent ME17 1AB Tel.: ++44 (0) 1622 763741 Email: info@isohelix.com

### 2. HAZARDS IDENTIFICATION:

LABEL PRECAUTIONARY STATEMENTS

Harmful

Harmful if swallowed

Harmful to eyes, respiratory system and skin.

Irritant, irritating to eyes, respiratory system and skin.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS:

Buccal Swab DNA Extraction Kit

Solution LS: Cell Lysis Solution - Proprietary Mix

Solution PK: Proteinase K (20 mg/ml)

Solution CT: Capture Buffer - Proprietary Mix

Solution TE: Re Hydration buffer 10 mM Tris; 1 mM EDTA

### 4. FIRST-AID MEASURES:

In case of contact with eyes, immediately flush eyes with copious amounts of water for at least 15 minutes.

In case of contact with skin, immediately wash skin with soap and copious amounts of water.

If inhaled, remove to fresh air and monitor breathing. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

### 7. HANDLING AND STORAGE:

**This product should be handled only by those persons who have been trained in laboratory techniques and that it is used in accordance with the principles of good laboratory practice.**

Storage conditions:

Solution LS: room temperature

Solution PK: **-20°C**

Solution CT: room temperature

Solution TE: room temperature

### 9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance and odour

Colourless semi-viscous liquids.

### 10. STABILITY AND REACTIVITY:

STABILITY: Stable

INCOMPATIBILITIES: Strong oxidising agents

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: Toxic fumes of: Carbon Monoxide, Carbon Dioxide.

### 11. TOXICOLOGICAL INFORMATION:

May be harmful by inhalation, ingestion or skin absorption.

Vapour is irritating to eyes, mucous membranes and upper respiratory tract.

Skin irritation. The toxicological properties have not been thoroughly investigated.

### 12. ECOLOGICAL INFORMATION:

Data not yet available.

### 13. DISPOSAL CONSIDERATIONS:

Products: LS / CT Buffer

Recommendation: Must not be disposed together with household waste. Do not allow product to reach sewage system.

Recommended cleansing agents: Water, together with cleansing agents if necessary.

### 14. TRANSPORT INFORMATION:

Non-hazardous for road, sea and air freight

### 15. REGULATORY INFORMATION:

EUROPEAN INFORMATION

Harmful R22

Harmful if swallowed R41

Irritant (R 36/37/38)

Irritating to eyes, respiratory system and skin (S 26)

Risk of serious damage to eyes (S 36)

In case of contact with eyes, rinse immediately with copious amounts of water and seek medical advice

Wear suitable protective clothing

**FOR RESEARCH USE ONLY**